

675280

**FILE WRAPPER CONTINUATION**



Assistant Commissioner for Patents  
Box FWC  
Washington, D.C. 20231

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#9

. This is a Request for filing a Continuation xxxx Divisional application under 37 CFR 1.62 of the prior application Serial No. 08/406,226, filed on March 17, 1995, entitled CONSTRUCTION OF PHASE CHANGE MATERIAL EMBEDDED ELECTRONIC CIRCUIT BOARDS AND ELECTRONIC CIRCUIT BOARDS ASSEMBLIES USING POROUS AND FIBROUS MEDIA by the following inventor(s):

RICHARD MARTIN WEBER  
KERRIN ALISON RUMMEL

FULL NAME OF INVENTOR	FAMILY NAME <u>WEBER</u>	FIRST GIVEN NAME <u>RICHARD</u>	SECOND GIVEN NAME <u>MARTIN</u>
RESIDENCE & CITIZENSHIP	CITY <u>Prosper</u>	STATE OR FOREIGN COUNTRY Texas	COUNTRY OF CITIZENSHIP USA
POST OFFICE ADDRESS	POST OFFICE ADDRESS 2 Hickory Creek Drive	CITY Prosper	STATE & ZIP CODE/COUNTRY Texas 75080
FULL NAME OF INVENTOR	FAMILY NAME <u>RUMMEL</u>	FIRST GIVEN NAME <u>KERRIN</u>	SECOND GIVEN NAME <u>ALISON</u>
RESIDENCE & CITIZENSHIP	CITY <u>Richardson</u>	STATE OR FOREIGN COUNTRY Texas	COUNTRY OF CITIZENSHIP USA
POST OFFICE ADDRESS	POST OFFICE ADDRESS 315 Ridgebriar Drive	CITY Richardson	STATE & ZIP CODE/COUNTRY Texas 75080
FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE & ZIP CODE/COUNTRY

The above identified prior application in which no payment of the issue fee, abandonment of, or termination of proceedings has occurred, is hereby expressly abandoned as of the filing date of this new application. Please use all the contents of the prior application file wrapper, including the drawings, as the basic papers for the new application. Any extension of time in the parent application necessary to maintain copendency is hereby requested. Please charge any fee to Deposit Account 20-0668.

1. \_\_\_\_\_ Enter the amendment previously filed on \_\_\_\_\_ under 37 CFR 1.116 but unentered, in the prior application.
  2. xxxx A preliminary amendment is enclosed.

3. Please cancel claims \_\_\_\_\_ before calculating the filing fee.  
The filing fee is calculated on the basis of the claims existing in the prior application as amended by 1, 2, and 3 above.

(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
TOTAL CLAIMS	16 - 20 =	0	x \$22.00 =	\$0.00
INDEPENDENT CLAIMS	1 - 3	0	x \$78.00 =	\$0.00
BASIC FEE				+ \$750.00
TOTAL				= \$750.00

4. The Commissioner is hereby authorized to charge any fees under 37 CFR 1.116 and 1.117 which may be required, or credit any overpayment to Deposit Account No. 20-0668.

5. Amend the specification by inserting before the first line the sentence: This application is a \_\_\_\_\_ Continuation, ~~xxxx~~ Division of application Serial No. 08/406,226, filed March 17, 1995, ~~now abandoned~~

6. Priority of application Serial No. \_\_\_\_\_, filed on \_\_\_\_\_ in \_\_\_\_\_ is claimed under 35 U.S.C. 119.

7. The prior application is assigned of record to Texas Instruments Incorporated.

8. The power of attorney in the prior application is to: Rene E. Grossman, Reg. No. 22,656, Richard L. Donaldson, Reg. No. 25,673, William E. Hiller, Reg. No. 18,803 and Jay M. Cantor, Reg. No. 19,906.

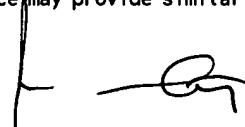
Address all future communications to:

Rene E. Grossman, Esq.  
Texas Instruments Incorporated  
Patent Department, M/S 219  
P. O. Box 655474  
Dallas, Texas 75265

It is understood that secrecy under 35 U.S.C. 122 is hereby waived to the extent that if information or access is available to any one of the applications in the file wrapper of a 37 CFR 1.62 application, be it either this application or a prior application in the same file wrapper, the Patent and Trademark Office may provide similar information or access to all the other applications in the same file wrapper.

July 1, 1996  
Date

Phone: (202) 414-4048

  
Jay M. Cantor, Reg. No. 19906

Inventor(s)

Attorney or agent of record  
 Assignee of complete interest  
 Filed under 1.34(a)



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Re Hand, LC  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

RICHARD M. WEBER ET AL.

Division of Serial No. 08/406,226 (TI-19646.1)

Filed July 1, 1996

For: CONSTRUCTION OF PHASE CHANGE MATERIAL  
EMBEDDED ELECTRONIC CIRCUIT BOARDS AND  
ELECTRONIC CIRCUIT BOARDS ASSEMBLIES  
USING POROUS AND FIBROUS MEDIA

Art Unit 3407

Examiner C. Atkinson

Assistant Commissioner for Patents  
Washington, D. C. 20231

Sir:

PRELIMINARY AMENDMENT

Prior to the first Office action, please amend the above identified application as follows:

In the claims:

Amend claim 1 as follows:

1. (Amended) A heat sink which comprises:

(a) an enclosure having a highly thermally conductive surface region composed of highly thermally conductive fibers disposed in a matrix, said enclosure [and] defining an enclosed cavity;

(b) a porous, highly thermally conductive material integral with and thermally coupled to said highly thermally conductive surface and disposed in said cavity, said porous material being a

graphite = pure carbon

graphite

Fig. 13